

FIG. 8A

1 F S R A T S V G D Q L E A P A - - - - -
1 M P T M R R T V S E I R S R A G Y K T D V S E R K T S L A D Q E P A - - - - -
1 M S R A T S V G D Q L E A P A - - - - -
40 V L T F L P R F L Y E C I R R A A N F F I A L L Q Q P D V S P T G R Y T T L V P L V I I I T I A G I K E T I E D
61 T I T F L P R F L Y E C I R R A A N F F I A L L Q Q P D V S P T G R Y T T L V P L V I I I T I A G I K E T I E D
40 V L T F L P R F L Y E C I R R A A N F F I A L L Q Q P D V S P T G R Y T T L V P L V I I I T I A G I K E T I E D
100 F K R K A D N A V N K K T I V L R N G M H T I M K E V A G D I V K Y V N G Q Y L P A D M V L F S S E P Q G F M A T P B A 2
121 I K R K A D N A V N K K T I V L R N G M H T I M K E V A G D I V K Y V N G Q Y L P A D M V L F S S E P Q G F M A T P B A 2
100 F K R K A D N A V N K K T I V L R N G M H T I M K E V A G D I V K Y V N G Q Y L P A D M V L F S S E P Q G F M A T P B A 2
160 C Y V E T A N L D G E T N L K I R Q L S H T D M Q T R D V L H K L S G R I C E G P N R H L Y D F T G N L H D G K M A T P B A 2
181 C Y V E T A N L D G E T N L K I R Q L S H A H Q T R E V L H K I S G T I E C E G P N R H L Y D F T G N L N L D G K T C H 2 1 2
160 C Y V E T A N L D G E T N L K I R Q L S H A H Q T R E V L H K I S G T I E C E G P N R H L Y D F T G N L N L D G K T C H 2 1 2
220 S S V A L G P D Q I L R G T Q L R N T Q W V F G V V V T G H D S K L M O N S T K A P L R S N V E R I T N V Q I L I A T P B A 2
241 G T V R I G P D Q I L R G T Q L R N T Q W V H G V V V T G H D T K L M O N S T S P L K L S N V E R I T N V Q I L I A T P B A 2
220 S L V A L G P D Q I L R G T Q L R N T Q W V G I V V I G H D T K L M O N S T K A P L R S N V E K V T N V Q I L V T C H 2 1 2
280 L F G I L V M A L V S S V G A L F W N G S H G G G S N Y I K K M D T N S D N F G Y N L I T F I I Y N N L I P I S L L I M A T P B A 2
301 L F G I L V M A L V S C S V G S A I W N R A M S G D N E L N L N G G A S N F G L N F L T F I I Y N N L I P I S L L I M A T P B A 2
280 L F G I L V M A L V S S A G A L Y N R S H G E M N I K K M D T S D N F G Y N L I T F I I Y N N L I P I S L L I M A T P B A 2
340 V T L E V V K Y T Q A L F I N W D M D M Y Y I E N D T P A M A R T S N L N E E L G Q V K Y I F S D K T G T L T C N I M N M A T P B A 2
361 V T L E V V K Y T Q A L F I N W D T M Y Y I G N D T P A M A R T S N L N E E L G Q V K Y I F S D K T G T L T C N V M Q A T P B A 2
340 V T L E V V K Y T Q A L F I N W D T M Y Y I G N D T P A M A R T S N L N E E L G Q V K Y I F S D K T G T L T C N I M N T C H 2 1 2

FIG 8B

00 FKKCSIGAGVTVGHPELAREQSSDDE-[C---RHTSCTNDSCDENDPRLKNNIEDQHPTAMTPA2
 00 FKKCSIGAGVTVGHPELAREQSSDDE-[C---PDEDGCGSPDWNQSOPGDESDSDDNHTPATPBA2
 21 FKKCSIGAGVTVGHPELAREQSSDDE-[C---RMPQSOPGDSCEDFDRPLKNNEDRHPATTC212
 00 FKKCSIGAGVTVGHPELAREQSSDDE-[C---RMPQSOPGDSCEDFDRPLKNNEDRHPATTC212

 55 CTCQEFPLLAUCHTVVPEKGDETTIVQASSPDEALVAKANKEVFTGRTEYSVVIEMAPTA2
 75 PCIQEFPLLAUCHTVVPEKGDETTIVQASSPDEALVAKANKEVFTGRTEYSVVIEMAPTA2
 55 PCIQEFPLLAUCHTVVPEKGDETTIVQASSPDEALVAKANKEVFTGRTEYSVVIEMAPTA2

 15 MGQEQTGGILVLEFSSDKRMSVIVELPSGQQLRLYCKGADNVIFERLSKDSKYMEEITC
 35 MGQEQTGGILVLEFSSDKRMSVIVELPSGKRLYCKGADTVYDRAITSKYMEEITC
 15 MGQEQTGGILVLEFSSDKRMSVIVELPSGRLYCKGADNVIFERLSKDSKYMEEITC

 75 HLEIYATGLLTVVAYADISHENEYESEWLVKQYQESTVSNRLLKQYQESTVSNRLLKQYQESTVSNRLL
 95 HLEIYATGLLTVVAYADISHENEYESEWLVKQYQESTVSNRLLKQYQESTVSNRLLKQYQESTVSNRLL
 75 HLEIYATGLLTVVAYADISHENEYESEWLVKQYQESTVSNRLLKQYQESTVSNRLLKQYQESTVSNRLL

 35 GATAEDREQGVPELTIAKIKIVLTDGKQETAINIGSCCKLKKNMGMIVNGATPBA2
 35 GATAEDKLQDGVPELTIAKIKIVLTDGKQETAINIGSCCKLKKNMGMIVNGATPBA2
 35 GATAEDRLQDGVPELTIAKIKIVLTDGKQETAINIGSCCKLKKNMGMIVNGATPBA2

 95 SLDATTRAITQHCTDQGNLIGKENDVALIIDGHTLKYALSFEVERSFLDLALKAVIC
 115 SLDATRETLTSRHCTTLDGALKENDVALIIDGHTLKYALSFEVERSFLDLALKAVIC
 95 SLDATRAAITQHCDLGNLIGKENDVALIIDGHTLKYALSFEVERSFLDLALKAVIC

 55 RVSPLQKSEIVVVKRNLVTAITLGDGANDGHIQWAAVHGIGSGNEGMQATNNSDYAT
 75 RVSPLQKSEIVVVKRNLVTAITLGDGANDGHIQWAAVHGIGSGNEGMQATNNSDYAT
 55 RVSPLQKSEIVVVKRNLVTAITLGDGANDGHIQWAAVHGIGSGNEGMQATNNSDYAT
 75 RVSPLQKSEIVVVKRNLVTAITLGDGANDGHIQWAAVHGIGSGNEGMQATNNSDYAT

FIG. 8C

FIG. 9

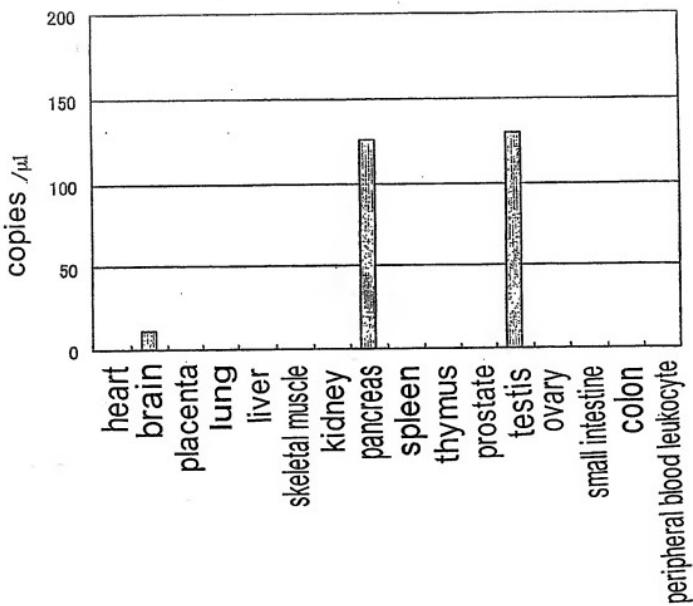


FIG. 10

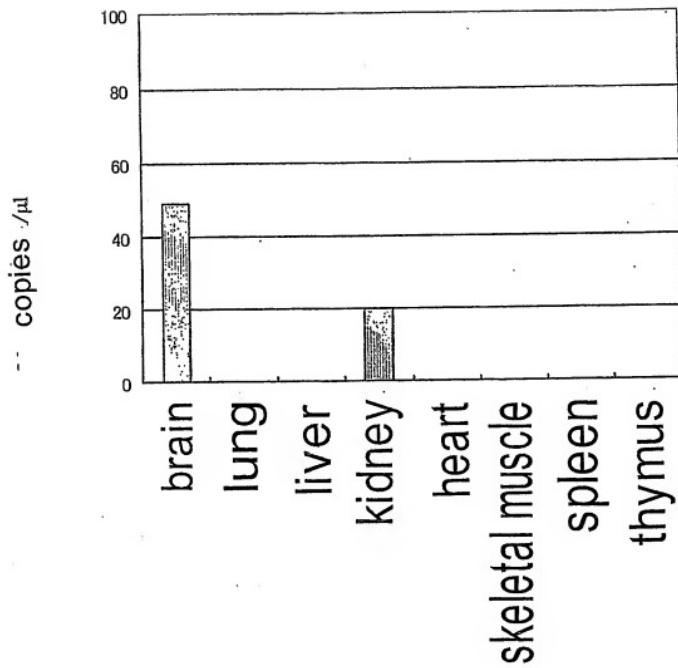


FIG. 11

FIG. 12

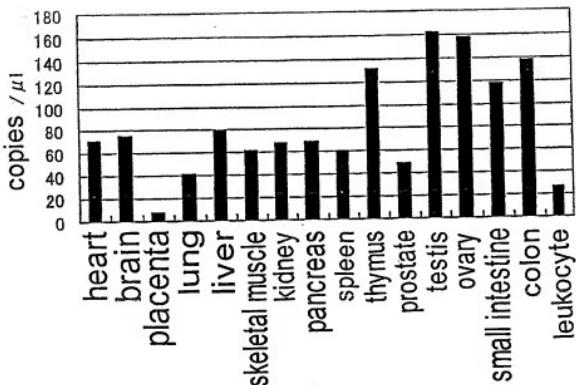


FIG. 13

1 M R A N C S S S S A C P A N S S E E L P V G L E V H G N L E L L V F T V V S T V hTCH230
1 M S T D C A G N S T C P V N S T E E D P P V G M E G H A N L K L L F T V L S A V mTCH230

41 M M G L L M F S L G C S V E I R K L W S H I R R P W G I A V G L L C Q F G L M P hTCH230
41 M V G L V M F S F G C S V E S Q K L W L H L R R P W G I A V G L L S Q F G L M P mTCH230

81 F T A Y L L A I S P S L K P V Q A I A V L I M G C C P G G T I S N I F T F W V D hTCH230
81 L T A Y L L A I G F G L K P F Q A I A V L M M G S C P G G T I S N V L T F W V D mTCH230

121 G D M D L S I S M T T C S T V A A L G M M P L C I V L Y T W S W S L Q Q N L T I hTCH230
121 G D M D L S I S M T T C S T V A A L G M M P L C I V L Y T R S W T L T Q N L V I mTCH230

161 P Y Q N I G I T L V C L T I P V A F G V V V N Y R W P K Q S K I I L K I G A V V hTCH230
161 P Y Q S I G I T L V S L V V P V A S G V V V N Y R W P K Q A T V I L K V G A I L mTCH230

201 G G V L L L V V A V I A G V V L A K G S W N S D I T L L T I S F I F P E I G H V T hTCH230
201 G G M L L L V V A V T G N V L A K G - W N T D V T L L V I S C I F F E V G H V T mTCH230

241 G F L L A L F T H Q S W Q R C R T I S L E T G A Q N I Q M C I T N L Q L S F T A hTCH230
240 G F L L A F L T H Q S W Q R C R T I S I E T G A Q N I Q L C I A M L Q L S F S A mTCH230

281 E H L V Q M L S F F L A Y G L F Q L I D G F L I V A A Y Q T Y K R R L K N K H G hTCH230
280 E Y L V Q L L N F A L A Y G L F Q V L H Q L L I V A A Y Q A Y K R R Q X S K C R mTCH230

321 K K N S G C T E V C H T R K S T S S R E T N A F L E V N E E G A I T P G P P G P hTCH230
320 R Q H P D C P D V C Y E K Q P - - R E T S A F L D K G D E A A V T L G P V Q P mTCH230

361 M D C H R A L E P V G H I T S C E hTCH230
357 E Q H H R A R E L T S H I P S C E mTCH230

FIG. 14

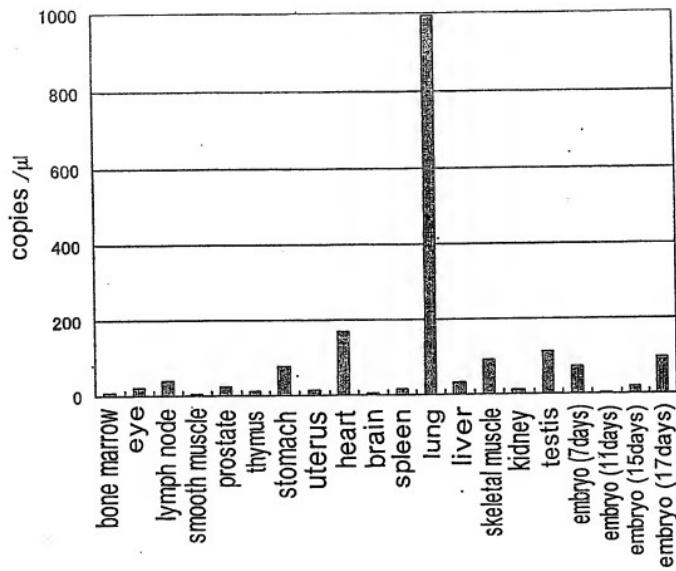


FIG. 15

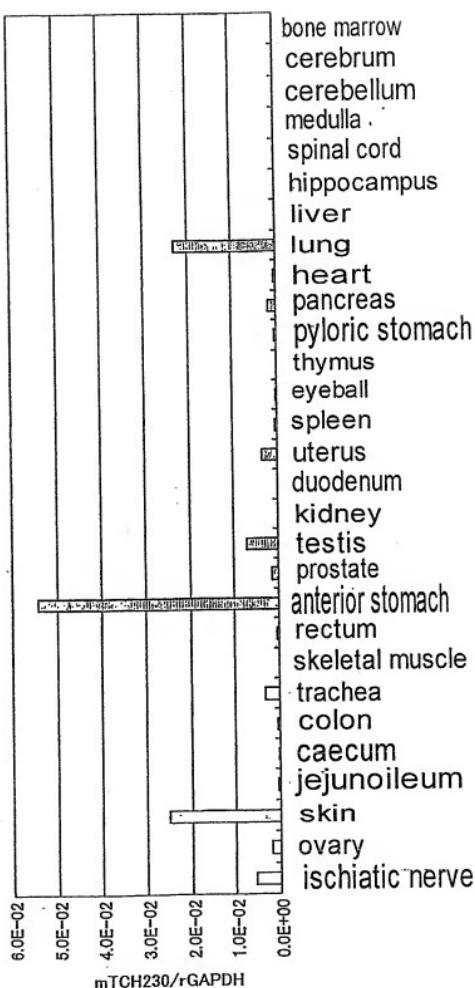


FIG. 16

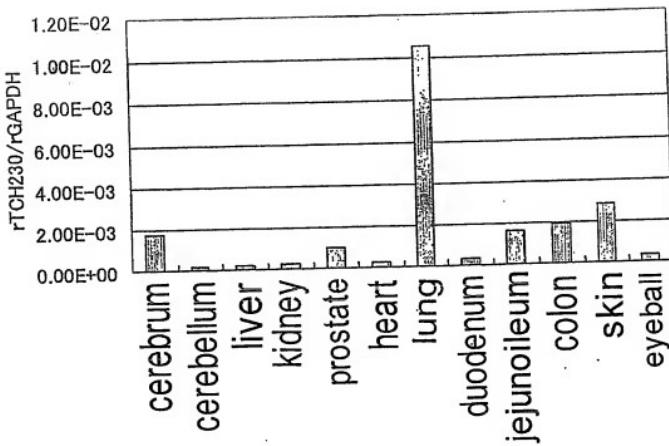


FIG. 17

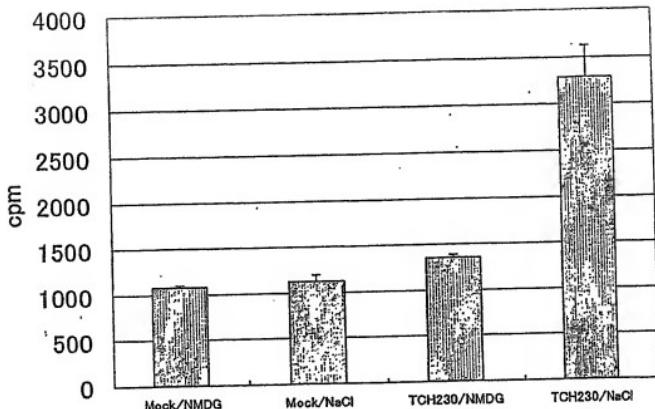


FIG. 18

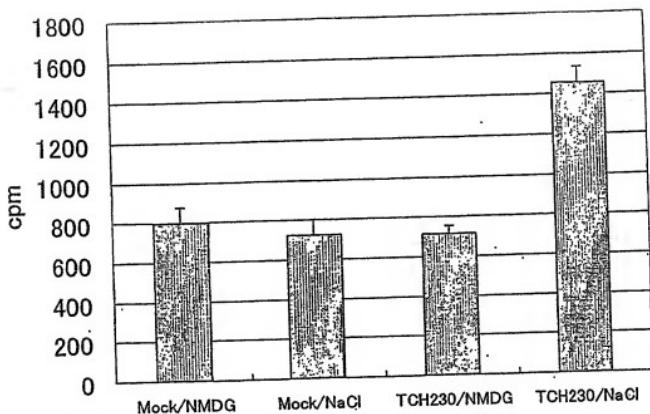


FIG. 19

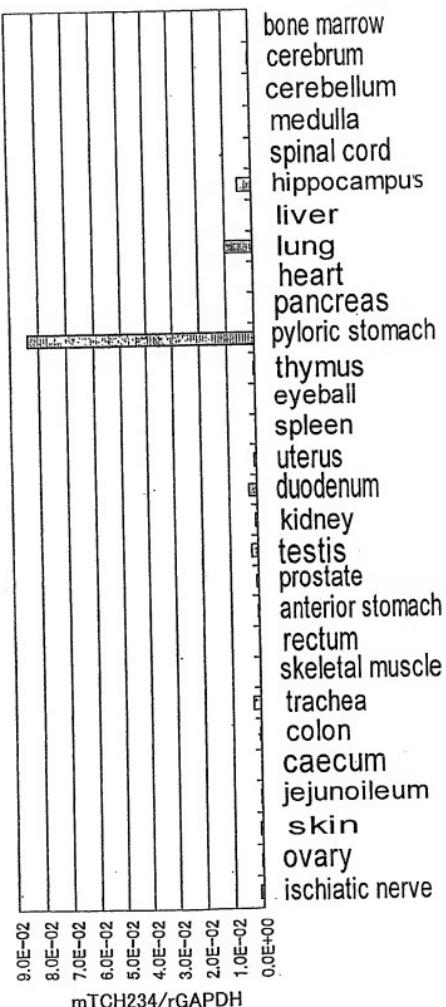


FIG. 20

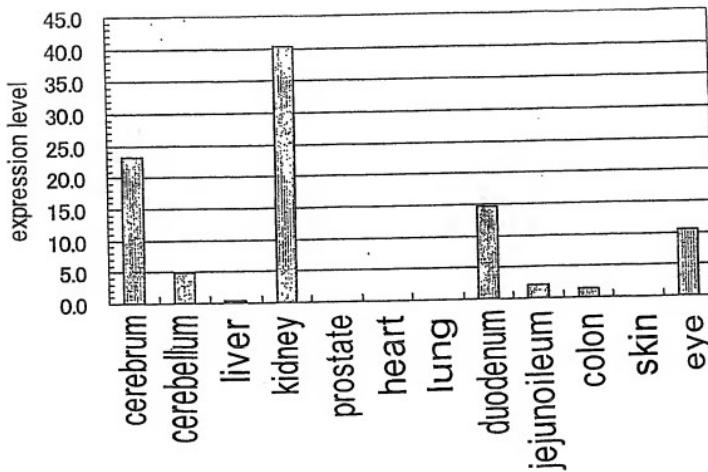


FIG. 21

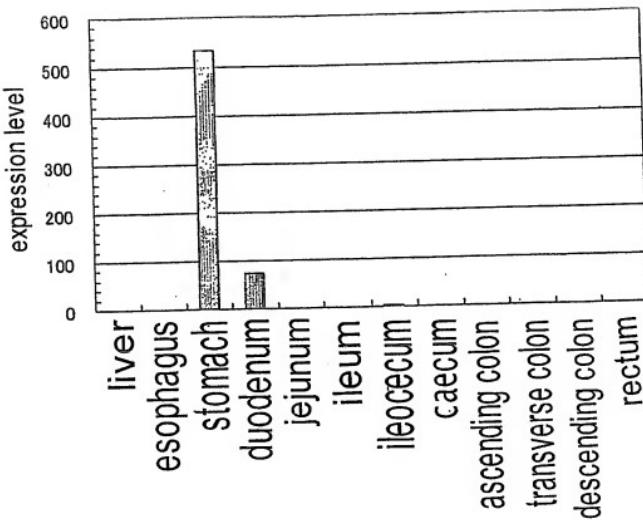


FIG. 22

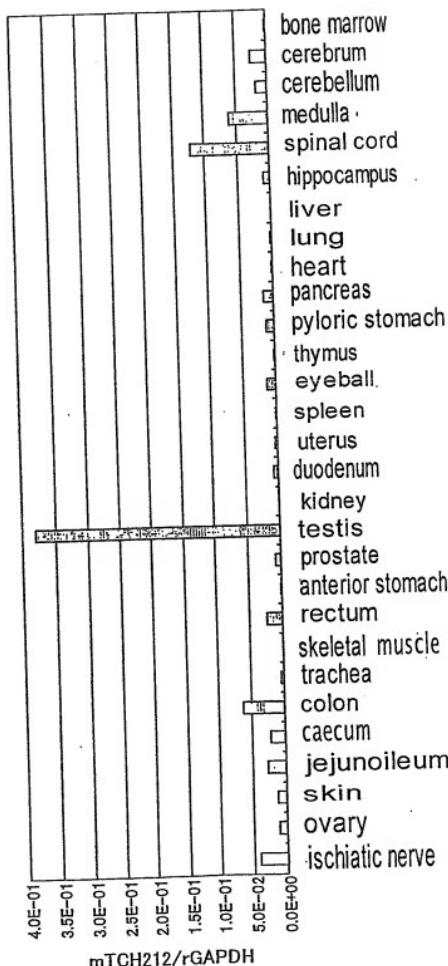


FIG. 23

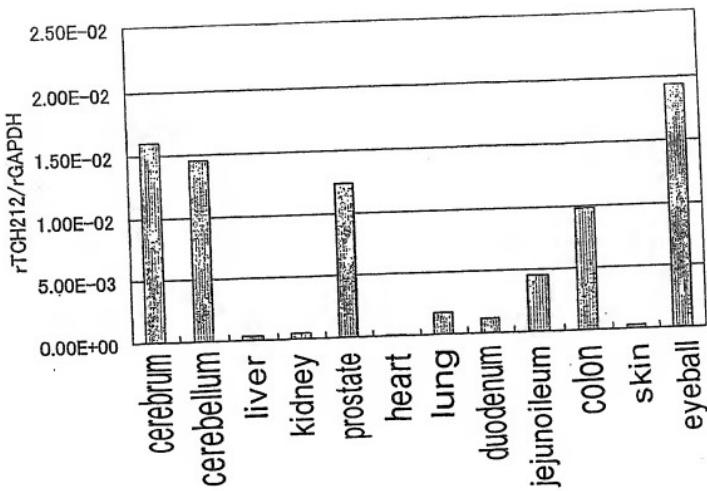


FIG. 24

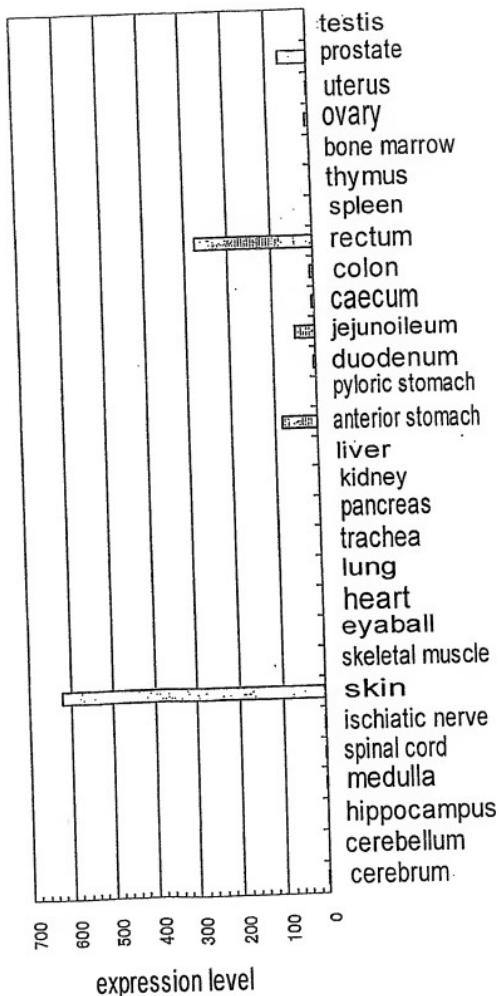


FIG. 25

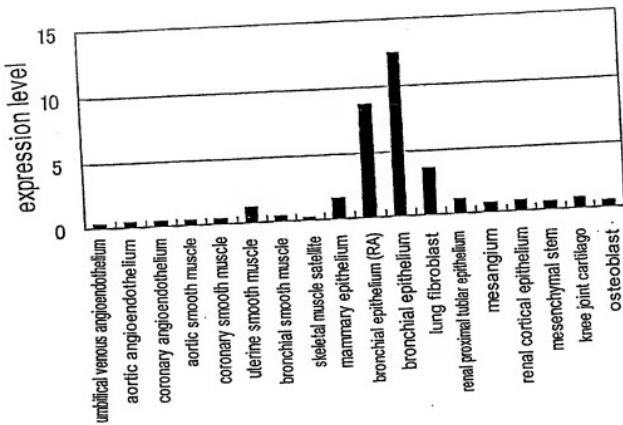


FIG. 26

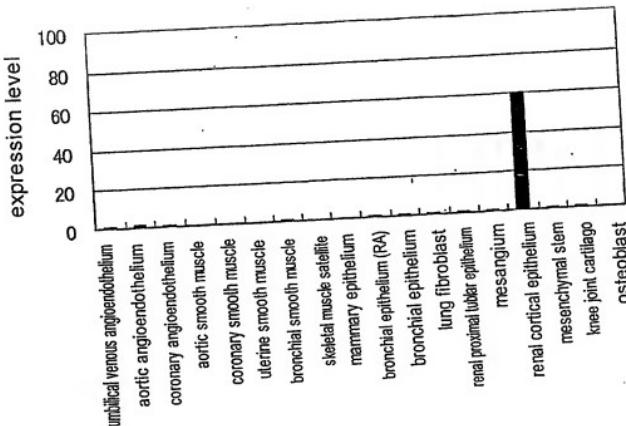


FIG. 27

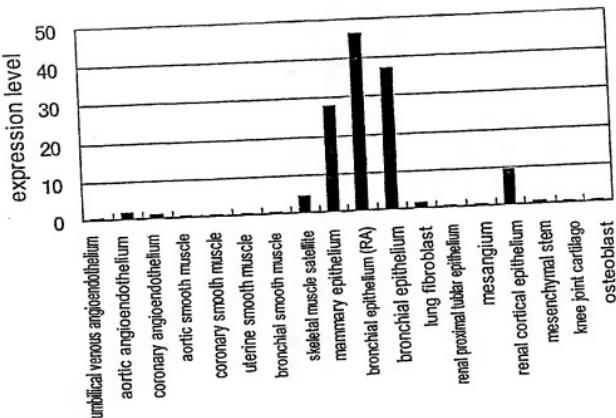


FIG. 28

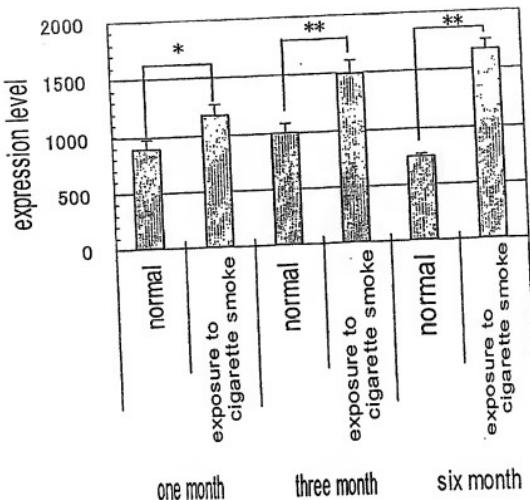


FIG. 29

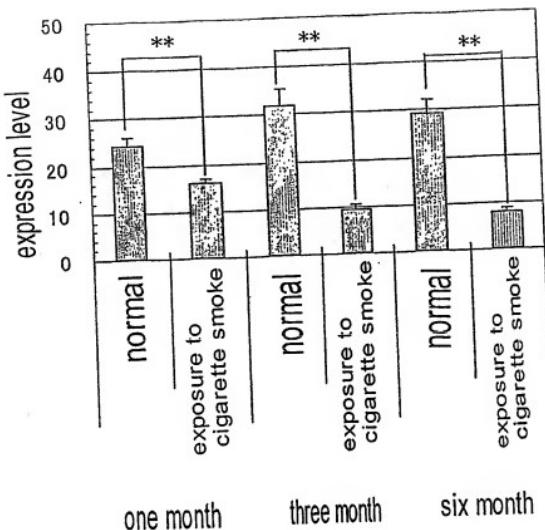


FIG. 30

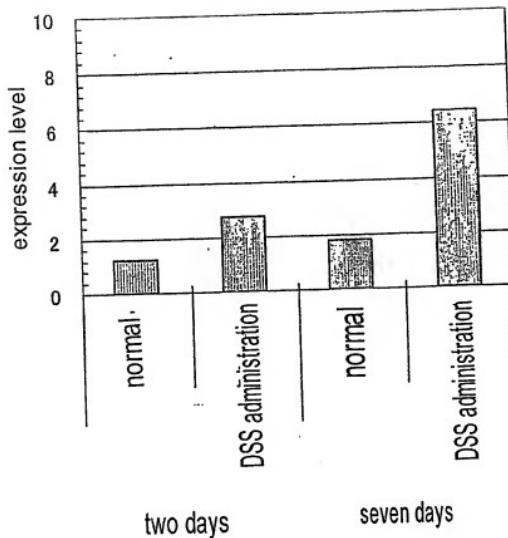


FIG. 31

